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***Streptococcus pneumoniae* Antigenes and Vaccines**  
**Abstract**

5       The present invention relates to novel vaccines for the prevention or  
attenuation of infection by *Streptococcus pneumoniae*. The invention further  
relates to isolated nucleic acid molecules encoding antigenic polypeptides of  
*Streptococcus pneumoniae*. Antigenic polypeptides are also provided, as are  
vectors, host cells and recombinant methods for producing the same. The  
invention additionally relates to diagnostic methods for detecting *Streptococcus*  
10       nucleic acids, polypeptides and antibodies in a biological sample.

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